

Anti-Phospho-IKK beta (Tyr188) Rabbit pAb

Purified Rabbit Polyclonal Antibody

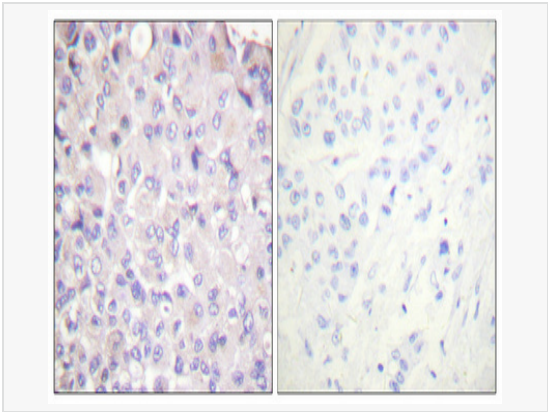
Catalog # P010108

Product Information

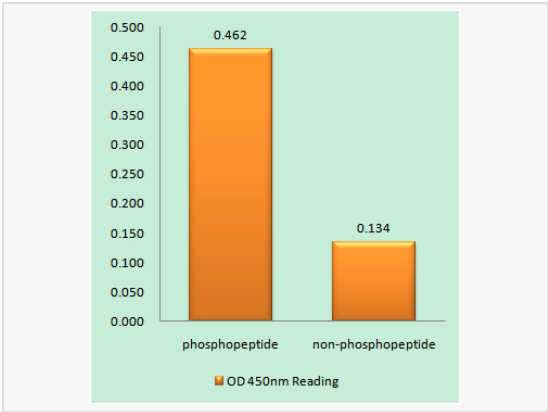
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat, Monkey
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human IKK-beta around the phosphorylation site of Tyr188.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-IKK beta (Tyr188) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

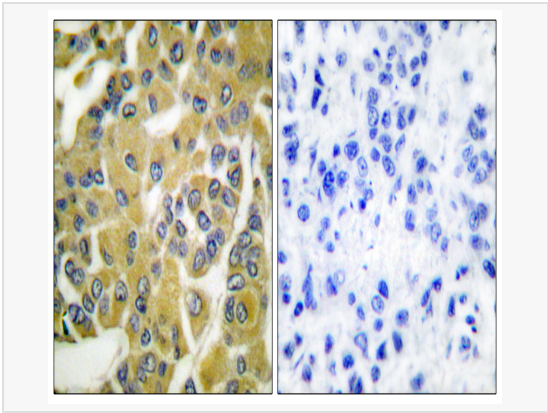
Synonyms	IKBKB, IKKB, Inhibitor of nuclear factor kappa-B kinase subunit beta, I-kappa-B-kinase beta, IKK-B, IKK-beta, IkbKB, I-kappa-B kinase 2, IKK2, Nuclear factor NF-kappa-B inhibitor kinase beta, NFKB1KB.
Calculated MW	Calculated MW: 87 kDa; Observed MW: 87 kDa
Uniprot ID	O14920
Gene ID	3551
Background	The NF-κB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IκB proteins (1-3). Most agents that activate NF-κB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IκB (3-7). The key regulatory step in this pathway involves activation of a high molecular weight IκB kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits.



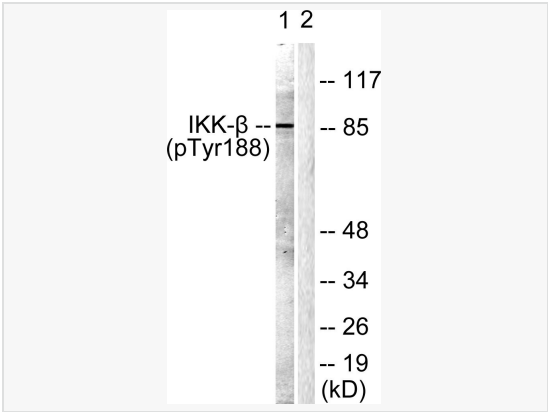
Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-IKK beta (Tyr188) antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Sample with blocking peptide on the right.



EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phospho-peptide (Phospho-left) and NonPhospho-peptide (Phospho-right), using IKKbeta (Phospho-Tyr18)antibody



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Phospho-IKK beta (Tyr188) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-IKK beta (Tyr188) in COS7 lysates using Phospho-IKK beta (Tyr188) antibody. The lane on the right is blocked with the synthesized peptide.